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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/727,569	11/30/2000	Afzal Khalfay	4678-1	6726

26291 7590 12/31/2003

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EXAMINER

CHUONG, TRUC T

ART UNIT	PAPER NUMBER
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2174

DATE MAILED: 12/31/2003

11

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/727,569

Applicant(s)

KHALFAY ET AL.

Examiner

Truc T Chuong

Art Unit

2174

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 October 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 11 and 12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 11 and 12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s) _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other: _____

DETAILED ACTION

Allowable Subject Matter

1. The indicated allowability of claims 11 and 12 are withdrawn in view of the newly discovered reference(s) to Hanson et al. (U.S. Patent No. 5,956,736). Rejections based on the newly cited reference(s) follow.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 11 and 12 are rejected under 35 U.S.C. 102(b) as being anticipated by Hanson et al. (U.S. Patent No. 5,956,736).

As to claim 11, Hanson teaches an apparatus for providing one or more user interfaces for a computer application, comprising:

a data repository for storing first user interaction specification information providing data for substantially defining one or more instances of user interaction techniques for presentation to a user interacting with a computer application, wherein each said user interaction technique has a distinct collection of user interactions for allowing a user to request a performance of one of a predetermined one or more actions provided by the technique for accessing a functionality of the computer application (Object System, col. 6 line 56-col. 7 line 61);

Art Unit: 2174

a user interface generator for accessing said first user interaction specification information and generating a corresponding user interface for the computer application, wherein with each activation of the computer application, said user interface generator generates said corresponding user interface (col.6 lines 3-14, and Concept of Objects, Properties, and Handlers, col. 7 line 53-col. 8 line 67);

wherein for a change in said first user interaction specification information within said data repository such that a first data descriptor for a first of said first user interaction techniques is changed in said first user interaction specification information to a second data descriptor for a different second user interaction technique during an activation of the computer application, said user interface generator generates code for presenting said second user interaction technique in place of said first user interaction technique when the user requests access to a functional of the computer application that had been previously accessible bar said first user interaction technique (col. 6 line 56-col. 7 line 61, and col. 7 line 53-col. 8 line 67); and

a user interface builder for allowing a user interface designer to create a second user interaction specification information for replacing said first user interaction specification information in said data repository, wherein said user interface builder has a user interface wherein the designer is able to drag and drop graphical representations of user interaction controls onto a page of said second user interface (User Interface Windows, col. 8 line 44-col. 9 line 31, col. 11 lines 23-35, 60-63, and col. 12 line 1-18, 49-67).

As to claim 12, Hanson teaches an apparatus for providing one or more user Interfaces for a computer application, comprising:

Art Unit: 2174

a data repository for storing first user interaction specification information providing data for substantially defining one or more instances of user interaction techniques for presentation to a user interacting with a computer application, wherein each said user interaction technique has a distinct collection of user interactions for allowing a user to request a performance of one of a predetermined one or more actions provided by the technique for accessing a functionality of the computer application (Object System, col. 6 line 56-col. 7 line 61);

a user interface generator for accessing said first user interaction specification information and generating a corresponding user interface for the computer application wherein with each activation of the computer application said user interface generator generates said corresponding user interface (col.6 lines 3-14, and Concept of Objects, Properties, and Handlers, col. 7 line 53-col. 8 line 67);

wherein for a change in said first user interaction specification information within said data repository such that a first data descriptor for a first of said first user interaction techniques is changed in said first user interaction specification information to a second data descriptor for a different second user interaction technique during an activation of the computer application, said user interface generator generates code for presenting said second user interaction technique in place of said first user interaction technique when the user requests access to a functionality of the computer application that had been previous accessible by said first user interaction technique (col. 6 line 56-col. 7 line 61, and col. 7 line 53-col. 8 line 67);

wherein an instance of said data repository and an instance of said user interface generator at each of a plurality of remote Internet sites, wherein for each said instance, DB, of said data repository, said first user interaction specification information therein identifies a user

Art Unit: 2174

interface layout and language that is preferable to a user at the Internet site for DB (storing information and instructions to be executed by processor, col. 6 lines 5-13, and col. 13 lines 61-64, col. 14 lines 20-26).

Response to Arguments

4. Applicant's arguments with respect to claims 11 and 12 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Owens et al. (U.S. Patent No. 5,530,865) teach first and second user interface, drag and drop, icons, applications, locations, Internet, and storing executed instructions (cols. 2-65 and figs. 1-25).

Ferguson (U.S. Patent No. 6,016,499) teaches database, trees, instructions, and GUI (cols. 2-9 and figs. 2-6).

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Truc T Chuong whose telephone number is 703-305-5753. The examiner can normally be reached on M-Th and alternate Fridays 8:30 AM - 5:00 PM.

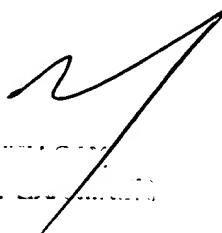
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine L. Kincaid can be reached on 703-308-0640. The fax phone number for the organization where this application or proceeding is assigned is 703-746-7239.

Art Unit: 2174

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Truc T. Chuong

12/24/03


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